



WORK IS RAPIDLY PROGRESSING ON THE NEW Y-12 STEAM PLANT, FRAMEWORK OF WHICH IS shown above. The new plant will replace the two existing plants, now becoming obsolete.

New Steam Plant Will Meet Needs Of Increased Operations In Y-12

First Of Four Boilers May Go Into Service About December 1; Equipment To Be All Modern

The growing demands of the Y-12 Plant operations for more steam at higher pressures will be met within the next few months by a modern, high-capacity plant. The new plant, now under construction, will replace the two present steam plant units in the Y-12 Plant Area that have become obsolete and uneconomical to operate.

Every modern bit of equipment needed for efficient and economical operation will be incorporated into the new Y-12 steam plant. The criteria for design, or requirements for the plant, were prepared by the Y-12 Engineering Division several months ago. These departments now are in the Technical Division under Supt. George A. Strasser.

Rust Doing Construction Work

The actual design of the plant was perfected by the Burns and McDonnell Engineering Co., of Kansas City, Mo., an architectural-engineering firm. After the plans were complete, the construction contract was awarded to the Rust Engineering Co., Pittsburgh, Pa.

The new plant will be equipped with four Wickes boilers, manufactured by the Wickes Boiler Co., Saginaw, Mich. The capacity of the four units will be 1,200,000 pounds of steam per hour under 250-pound pressure per square inch at 600 degrees Fahrenheit. This capacity is considerably more than that of the two older plants now in operation.

Will Burn Pulverized Coal

The new plant is designed to burn pulverized coal, but can be adapted to fuel oil or natural gas if necessary. The coal will be delivered by rail and dumped into a track hopper at the plant. A conveyor belt then will transport the coal to a pulverizer, from which it will be blown into the furnace. Ash removal will be handled by a hydraulic sluicing system which will carry the ashes through a pipeline to a disposal point outside the Y-12 Plant Area.

More than 1,000,000 pounds of steel and approximately 3,000 cubic yards of concrete are being used in construction of the building housing the new steam plant for Y-12.

Operational Dates Estimated

Coordination of activities between the Burns-McConnell firm and Rust Engineering in carrying out design requirements is being handled by W. C. Countiss, of the Project Construction Department of the Technical Division. This department is headed by W. L. Morgan. Present department estimates place the operational date for the first of the four new steam

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Y-12ers Point To Big Doings At Swim Party

Everythnig points to a big night for everyone on Thursday, July 22, at the Oak Ridge Swimming Pool as the first Y-12 Swim Party of the summer season will get underway at 8 o'clock sharp. The Recreation Office is expecting a large crowd of Y-12ers and their families at the dunking with the program being planned to accommodate both young and old.

No Admission Charge

The presentation of a Y-12 badge is the only necessary item for admission. If the head of the family is working and a badge is not available, arrangements can be made with the Recreation Office for entrance into the party for other members of the family.

Various games and contests are being planned for both the youngsters and adults. Prizes will be awarded to the lucky winners of each contest.

Greased Watermelon Race Set

For those rip-snorting young swimmers there will be a greased watermelon race which should prove to be a slippery event with the winners getting to do away with the melon. A swimming relay will be conducted for the young racers and many other water games will be played for the enjoyment of everyone present.

One of the most interesting features of the adult part of the program will be a "quiz contest" at which the participants will determine various plant personalities from hints given by the program director. A beauty contest also is being planned for the girls at different age levels.

Girls Club to Assist

The Y-12 Girls Club will assist in carrying out the program, so bring all the family and plan on a night of fun and merriment with plenty of clear, cool water for swimming and dunking.

If the weather man is agreeable and the first party is a success there are plans being made for a second swim party tentatively slated for Wednesday night, August 11.

NEW ACCELERATORS SEEN

Yale University and the University of California have been given \$1,200,000 each by the Atomic Energy Commission for the construction of two heavy particle accelerators fundamentally different from any now in existence, according to the Associated Press. The linear accelerators are the first ever designed to shoot "heavy" atoms such as neon and beryllium and will be used to make heavier elements in greater quantities than now available.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
**Five Days Or
186,788**
(Unofficial Estimate)
Without A Lost Time
Accident
Through July 18

Lost Time Accident On July 12 Ends Latest Y-12 Safety Period After 61 Days Of Work

Employees Eligible For Individual Awards To Pick Two Articles From List Now Being Offered In Plant

Carbide employees in the Y-12 Plant Area wound up the 12th Company Safety Period of more than 1,500,000 man-hours of plant operations without a lost time accident on Monday, July 12. On that morning an accident to an employee in the D Mechanical Operations Department caused him to be hospitalized, bringing the safe operating period to an end after 61 days or 1,797,986 hours of operations without a disabling mishap.

Completion of this newest Carbide Safety Period of more than 1,500,000 man-hours of work without a disabling injury again makes Carbide employees in the Y-12 Plant Area on the payroll during the period eligible for individual safety awards. This period covers May 12-July 12, inclusive.

To expedite distribution of the awards for the last period, the Safety Department has announced that eligible employees will make their selections from the same list of seven articles now being offered as awards for the 11th Company Safety Period that was concluded on May 5. Award selection cards already turned in will be returned to Y-12ers who will then make a second selection from the available articles. Employees who have not yet made their choice now may pick two articles instead of one.

For new employees who became eligible for an award for the latest and 12th Carbide Safety Period but were not eligible for prizes in the preceding period, new cards will be prepared and sent to them. To Speed Redistribution

Redistribution of the selection cards will be completed as rapidly as possible and eligible Y-12ers

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'Souveniring' By Aussies Loots British Atom Gear

The Washington Post, in an Associated Press news story, says Australian government sources have disclosed that "souveniring run wild" has resulted in Australian troops lifting considerable British atomic equipment from the Woomera rocket range in South Australia. The "Aussie" troops, the story declared, apparently interpreted literally the permission given them to take certain gear not worth the expense of returning it to Britain. Australian Supply Minister Howard Beale is said to have reported that the government has tracked down most of the removed equipment.

BASEMENT IS 'HOT'

The Philadelphia Inquirer reports that the Atomic Energy Commission is "interested" in a Geiger Counter registration of radioactive material in the basement of a Philadelphia house. It was disclosed that the home owner unknowingly used uranium-bearing stone collected from a sewer excavation nearby to build a house.

Card Party, Meeting Set Tonight By Carbide Wives

All wives of Carbide employees in the Y-12 Plant Area are invited to attend the monthly card party and meeting of the Carbide Wives set for 7:30 o'clock tonight, Wednesday, July 21. The meeting will be held in the East Lounge of the Ridge Recreation Hall. Bridge, canasta and bingo will be played, prizes awarded and refreshments served. A decorative scheme will carry out the idea of "Summertime."

The executive board member in charge of the meeting will be Mrs. W. M. Cabbage. Hostesses will include Mrs. B. B. Thornton, wife of a Y-12er; Harvey Kit-chens, C. W. Smith, Sue G. Wilson, P. T. Farley and Frank Buckalew.

DeGAULLE WANTS A-ARMS

French Gen. Charles DeGaulle in a Paris press conference, demanded that France develop its own atomic weapons while at the same time urging that Russia and the United States, as allies of France, stop all atomic and hydrogen bomb tests.

ENTREES FOR CAFETERIA SPECIAL LUNCHES JULY 22, 27 GIVEN

Appetizing entrees have been announced for the 50-Cent Special Lunches to be served tomorrow, Thursday, July 22, and next Tuesday, July 27, at the Y-12 Cafeteria. The main dish for the Special Lunch tomorrow will be chopped sirloin steak with mushroom sauce while the entree on the next Tuesday Special Lunch will be ham loaf with pineapple sauce. A vegetable, choice of salad or dessert and rolls and butter are included in the meal.

The Bulletin

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Lost Time Accident July 12 Ends String

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are asked to cooperate by making their two choices and returning the cards to their Supervisor for forwarding to the Safety Department as soon as possible.

When all cards are returned orders will be placed for the chosen articles, with the awards for both periods being distributed at the same time.

According to the official Safety Department report on the mishap that broke the string of accident-free days:

"On July 12 at approximately 11 a.m. a material handler in Dept. 2794 (D Mechanical Operations) suffered a sprained back while loading a metal container on a fork-lift truck. Hospitalization of the employee resulted."

Second Period of Year

The July 12 accident ended the second Carbide Safety Period of the year for employees in the Y-12 Plant Area and the 12th since 1947, when Carbide took over operations of the Y-12 Plant. The latest period started on May 12.

New Y-12 Steam Plant To Meet Increased Need

Continued from Page 1

plant units by about December 1. The other three units are expected to be placed in operation at intervals of about 45 days after the first boiler goes into service.

The boilers of the two Y-12 steam plants now in operation were installed back in wartime days. Wartime shortages made it necessary to acquire used boilers for the plant and the constant use throughout the years have made the boilers increasingly uneconomical to operate as well as being unable to provide sufficient pressure for efficient plant operations.

When the new Y-12 Steam Plant is placed in service it will be under the direction of W. A. Fowler, of the Processing and Utilities Department of the Chemical Division, of which J. M. Herndon is Superintendent. Under direct charge of the new plant will be A. H. Norman, who has been in charge of operations of the present steam plants for several years.

Hydrogen, Helium Reactions Subject At Seminar Session

"Charge Symmetry In The Morier Reactions of H^3 (d,n) He^4 and He^3 (d,p) He^4 " will be the topic at the weekly meeting of the Oak Ridge Physics Seminar on Friday afternoon of this week, July 23. The meeting will be held at 3:15 p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. The speaker will be Dan Hale, of the University of Tennessee. Y-12ers interested in the talk are invited to attend the session.

Three out of four traffic accidents happen in clear weather on dry roads.



Thanks to friends and subscribers—The Bulletin this week has a couple of nifty and informal vacation pictures right down our alley in the aim to show Y-12ers at play as well as at work. Contributors were C. M. McAmis, from the General Machine Shop with a mess of Gulf of Mexico fish; and Jim Campbell, of Personnel, greeting Eddie Cantor at a Red Cross convention in California. Thanks folks—and for the rest of you—keep 'em rolling, the snapshots, that is.

INDUSTRIAL RELATIONS

Looks like the only time the Employment Department can get rid of Paschal (The Pat) Hamrick, is to run him off on vacation. Officially, last Friday Pat ran his working record in Y-12 to 11 years—that's a long time, folks—without a single day's unauthorized absence from work. If that isn't a record, it will stand until one comes along. Well, Pat started his vacation Monday, going down to Indian Rock Springs, Fla., near Clearwater. His employment date was August 2, 1943, and that 11th anniversary will fall on the day of return from his period of rest in the Sunshine State. Maybe he fudged a little on that record—but it still is good.

Mollie Hatfield, of Safety, vacationed last week in Hot Springs, Ark. (And—dear readers—when it gets hot out there, it really gets hot.)

The Cafeteria confides that Rosa Lowe vacationed at home in Clinton . . . Get-well wishes go to Mayme Hundley, who still was ill last week.

Medical sends get-well wishes to the mother of Jodie Brown, who is ill in Viola, Tenn.

Lots of Guard Departmenteers are vacationing—among them being C. A. Hall, R. G. Carver, G. F. McPherson, R. L. Byrd, S. O. Venable, W. G. Hatfield, J. T. Maxwell, S. E. Murphy, and O. C. Beatty.

CHEMICAL

Product Processing has a couple of ailing members to whom quick-recovery wishes are sent—they are Marie Pickard who was in St. Mary's Hospital last week in Knoxville and Theira Flood.

John Sewell, Uranium Processing, picked Middlesboro, Ky., as his last week vacation spot . . . S. R. Anderson went over to Spartanburg, S. C. . . . D. R. Poston got a warm welcome back after being on the sick list.

MAINTENANCE

E. H. Bass of Salvage, is circulating in and around Oliver Springs while on vacation.

Buildings and Grounds is not holding its collective breaths—but has its fingers crossed pending the return of Arthur Odgen from his annual Florida fishing trip—thick fish tales expected . . . Arthur is a charter member of the Chamber Music Society of Lower Pole Cat Ridge and Fred Henry, also a B. & G. man, stuck his head in the door last week to inquire as to future activities of the society . . . (G. Dobbs and C. Cooper, other members, ain't talking—or singing either—at this stage of the game. Too dry, they say.) . . . Other B. & G. and Transportation Department vacationers include D. J. Jamerson, J. D. Jackson, R. Turner, C. W. Taylor, C. D. Wells, E. F. Farris and F. W. Manis who are around and about places in general . . . Sympathy is extended to C. T. Stage on the death of his brother, John Stage.

Joanna Brown, Planning and Estimating, is looking things over down in Daytona Beach while vacationing . . . Joyce Williamson also is touring Florida . . . Bar-

bara Thomas finds the Oak Ridge swimming pool a good week-end dunking site . . . Tom McNamara is back after another session in the Oak Ridge Hospital . . . W. M. (Bill) Reynolds, H. D. Duncan and C. L. Matthews continue to defy strokes from both Old Sol and Par on the golf course—hardy lads, those . . . "Bill" (Mrs. that is) Kelly is back after a spell of sickness . . . Friends of Frank Gallagher are glad to hear that his son is recovering from his recent illness.

U. L. Alspaugh, Alloy Development Maintenance is vacationing in North Carolina . . . W. T. Pratt is likewise in Chicago . . . J. J. Cavosie, L. E. Brown and H. L. Wallace alsoing somewhere unannounced . . . Condolences were extended to J. C. Sandidge, whose sister-in-law died recently in Kuttawa, Ky. . . . Get-well wishes are sent to M. P. Welsh, still in the Oak Ridge Hospital as of press time.

Electrical Maintenance sparks in that H. R. Atkins and H. V. Craft were vacationers but left no forwarding addresses . . . L. R. Fisher was welcomed back after an illness.

The Laundry extends sympathy to Roy Malone, whose mother, Mrs. Mary Malone, died recently in Lenoir City . . . Get-well wishes go to Dora Johnson, who has been ill in La Follette, Tenn., hospital—also to Laura Kennedy, recuperating from an illness at her home in Lak City . . . Vacationers are Bessie Martin, visiting a sister in Monterey, Tenn. . . . Lillian Hamlet at her old home at Cumberland Gap.

Did you hear about the guy with alcoholic rheumatism?
Got stiff in all the joints.

ALLOY

The cigar business boomed again in the division with Guy Smith bragging about husky Randall Hugh Smith, born July 12 at eight pounds and seven ounces . . . C. A. Keck is fleeing the heat somewhere in Northern Michigan . . . Jack Williams, Dave Hoskins and Ted Higgins are getting relief from Old Sol in the surf at Daytona Beach . . . Ralph Zimmerman is trying the same at Myrtle Beach . . . Jo Ann Baker week ended recently at LaGrange, Ga. . . . Jean Vaughn did likewise at Lexington, Ky. . . . Homebodies while vacationing are M. G. Cook and R. K. Barrett, the latter doing some fishing when it isn't too strenuous . . . H. H. Weaver is an unreported vacationer.

MECHANICAL OPERATIONS
Kathleen Milligan, The Bulletin



Y-12ER JAMES E. CAMPBELL, RIGHT, OF PERSONNEL AND HEAD of the Oak Ridge Chapter of the American Red Cross, gets an autograph from Eddie Cantor, stage, screen and TV personality, no less, at left. The picture was made at registration headquarters for the national convention of the Red Cross in Los Angeles, Cal. Behind Cantor is J. V. Monroe, chairman of the committee on convention organization and looking on is an unidentified delegate to the Junior Red Cross convention. Campbell attended the Red Cross convention while on vacation.

tin's most able up and atom reporter in the General Machine Shop is back on the job and being interviewed on her vacation at Daytona Beach . . . George Ferrell has as guests his niece and nephew, Mr. and Mrs. Rhodes from Dadeville, Ala. . . . More Florida vacationers include Cliff Herrell and C. P. McLemore fishing around Ft. Lauderdale and H. M. Russell just sightseeing . . . North Carolina has drawn several visitors, among them being J. R. Aytes in Fontana, Cherokee, and Asheville . . . H. A. Maney also is in Asheville and T. R. Webber is back after visiting his father in the Tar Heel State . . . W. J. Barker visited in Wise County, Va. last week and Russell Hopper went to Barboursville, Ky., to attend graduation exercises for his daughter, Joan . . . Other vacationers were Harley Law at Maryville and W. F. Cartwright, H. M. Monday, E. C. tSinnott and J. T. Graham . . . Condolences were extended W. F. Hatcher, whose father died recently in Greensboro, N. C. . . . Sick folks to whom rapid-recovery wishes are sent are J. T. Epperson, E. H. Johnson and W. E. Chadwick.

The Mechanical Operations outfit reports P. S. Green vacationed last week visiting friends and relatives in North Carolina . . . Bobby Griffin is vacationing over at Myrtle Beach.

MANUFACTURING OFFICE

The Manufacturing Office Department has Maola Connor vacationing in Florida this week.

The Stores Department rolled out the welcome mat for newcomer Betsy Campbell. J. L. Hamon is spending a couple of weeks at his Oliver Springs home . . .

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The following Y-12 employees were patients in the Oak Ridge Hospital last week:

R. F. Moyers and Marion D. Story, Electrical Maintenance; James M. Miller, A Mechanical Operations; C. R. Roberts and James A. Marsh, B Mechanical Operations; A. B. Townsend, SDA Development; C. R. Cowden, Buildings and Grounds; B. R. Morrow and Everett P. Braden, Chemical; John F. Trent, D Mechanical Operations; M. P. Welch, Beta Four Maintenance; James E. Holbert, Wage Standards; Wright Smith, Field Maintenance; Avis Collins, General Machine Shop; Laura Kennedy, Laundry; J. A. Costen, Maintenance Automotive Equipment; Charlie E. Guinn, Janitors.

Many Y-12 Friends Attend John Webber Funeral Rites

Many Y-12 friends of the late John Webber, 55, stockkeeper in the Cafeteria who died Wednesday, July 14 at St. Mary's Hospital in Knoxville, attended his funeral services held Saturday in the Rose Funeral Home Chapel, Knoxville. The last rites for the widely-known and well-liked Y-12er whose last illness struck him while he was working on Thursday, July 8, were conducted by the Rev. George J. Creswell. Interment was in Greenwood Cemetery.

Among honorary pallbearers were Cafeteria Supt. George J. McNamee, also Jesse Durrett and James Goodman, all from Y-12.

Webber came to work in Y-12 on September 1, 1944, and would have completed 10 years of Company Service within the next few weeks. He lived on Ball Camp Pike in Knox County and has been a resident of Knox County and Knoxville all his life. He was a member of the Lincoln Park Baptist Church, Knoxville.

Survivors include his widow, Mrs. Katherine H. Webber; a daughter, Mrs. Walter Gibbons; and two sons, Paul A. Webber, Knoxville; and Clarence W. Webber, Clinton. His mother, Mrs. Jane Webber, of Grainger County; four sisters and five brothers and 11 grandchildren also survive him.

Eighty per cent of vehicles involved in fatal traffic accidents in 1953 were traveling straight ahead.

No 'Indispensable Man' Says Verse On Subject In Carbide Kentuckian

Credited to an anonymous author, the Carbide Kentuckian, the plant publication at the Paducah, Ky., Carbide plant, recently published this verse just entitled "Indispensable." As a result of many requests for reprinting, it is given below:

Sometime, when you're feeling important,
Sometime, when your ego's in bloom,
Sometime, when you take it for granted,
You're the best qualified in the room,
Sometime when you feel that your going,
Would leave an unfillable hole,
July follow this simple instruction
And see how it humbles your soul.
Take a bucket and fill it with water,
Put your hand in it up to the wrist;
Pull it out, and the hole that's remaining
Is the measure of how you'll be missed.
You may splash all you please when you enter,
You can stir up the water galore;
But stop, and you'll find in a minute
That it looks quite the same as before.
The moral in this quaint example
Is to do the best you can,
Be proud of yourself—but remember
There's no indispensable man.



THE ENGINEERS, A TEAM WHICH CAN ALWAYS BE COUNTED ON to give its best in the Y-12 Plant Softball loop, is pictured above. Sitting on the first row from left, R. M. Wolfe, Roger Ward, Ross Goosie, V. C. Barnes and Jack Forseman. Back row from left, Ernie Choate, George Guerrant, R. M. Lawson, Byron North and Nick Tronolone, manager.

Third Y-12 Week End Golf Tournament Scheduled For Holston Hills On July 31

All Y-12 golfers are invited to participate in the third Week-End Golf Tournament which is to be held at the Holston Hills Golf and Country Club in Knoxville on Saturday, July 31. Tee off time will be from 7 a.m. until 9 a.m. The only admission charge to enter the tourney will be payment of greens fee.

A group of fine prizes will be given to the winners in the various events to be staged. The Recreation Office is hoping for a record number of golfers to take part in the tourney.

Bill Reynolds, Arthur Hines and Harold Ratjen compose the Y-12 Golf Tournament Committee.

Y-12 Woodpeckers Nip AECEA In Tilt

The Y-12 Woodpeckers bounced back last week and trounced the AECEA softballers by 6 to 5 in the Oak Ridge Class "B" Softball League. Bill Stanton twirled a fine game for the Woodpeckers by striking out 12 batters and giving up only seven hits. Bill Belvin, Bill Hamil and Stanton got two hits each for the winners with Hamil blasting a home run over the fence at Midtown No. 1 Field. The Woodpeckers will be idle this week due to Management Services Inc. dropping from the league.

Line score follows:

| Team | R | H | E |
|-------------|-----|-----|---------|
| AECEA | 320 | 000 | 0-5 7 2 |
| Woodpeckers | 311 | 010 | x-6 8 1 |

Evans and Tracey, Stanton and Hopkins.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

John R. Carriger, Electrical Maintenance, July 24.

Louie A. Litton, Guard, July 24.

Esler L. Bailey, Receiving and Shipping, July 25.

Jesse D. Hopkins, Guard, July 26.

Virmon W. Arms, Sr., Research Services, July 27.

James W. Jackson, Product Processing, July 27.

Webster Hughes, Buildings and Grounds, July 27.

John A. Bradshaw, A Mechanical Operations, July 27.

Gilbert E. Berney, Field Maintenance, July 28.

Walter H. Hoose, Product Processing, July 28.

Fesington C. Lowry, Personnel, July 28.

Agnes F. Johnson, Production Assay, July 28.

49ers Move To Top In Plant Softy Loop

League Leaders Trim Three Battling Foes

Those red-hot 49ers are on the prowl again in the Y-12 Plant Softball Loop as they blasted out three straight wins last week. Probably the big win was the 10 to 0 victory over the Bombers as Louis Fitzgerald and Ed Sise combined talents to lead the parade. Fitzgerald balsted a home run and double while Sise limited the losers to two bingles. Other victories for the league leaders came over the Steamers by 8 to 6 and over Maintenance by 23 to 4. The Steamers really gave the 49ers a scare as they led by 6 to 5 going into the last inning but the loop leaders fought back and scored three runs in the top of the last frame to win going away. Home runs came fast and furious in the Maintenance game as five four-masters sailed over the panels at Pinewood, two by Charles Myers, two by E. M. Miller and one by Tally Livingston. R. M. Roark blasted out four straight base hits for Maintenance.

Engineers Drop Pair

Other plant league action saw the Engineers drop a pair of hard fought games to the Steamers by 10 to 9 and Maintenance by 13 to 4. R. E. Patrick led the Steamers victory with three hits while Jack Forseman and Wolfe led the Engineers with two base knocks each. H. E. "Fireball" Argo set the Engineers down with five hits in the Maintenance game. Floyd Fyte led the winners with three bingles while Foresman slapped a double and single for the losing Engineers.

Schedule for the week of July 27 follows:

Tuesday, July 27 — 6:15 p.m., 49ers vs Guards; 7:45 p.m., ADP vs Steamers.

Wednesday, July 28—6:15 p.m., Maintenance vs Steamers. 7:45 p.m., ADP vs 49ers.

Thursday, July 29—6:15 p.m., Engineers vs Guards. 7:45 p.m., Steamers vs ADP.

Line scores and league standing follows:

| Team | R | H | E |
|------------------------------------|-----|-----|----------|
| 49ers | 004 | 001 | 3-8 9 4 |
| Steamers | 100 | 320 | 0-6 10 2 |
| Law and Miller, Hart and Simmons. | | | |
| Engineers | 003 | 000 | 1-4 5 1 |
| Maintenance | 601 | 321 | x-13 9 1 |
| Forseman and Wolfe, Argo and Krog. | | | |

| Team | R | H | E |
|--|-----|-----|----------|
| 49ers | 200 | 024 | 1-9 9 4 |
| Steamers | 033 | 202 | x-10 9 2 |
| Beach and Loveless, Spradling and Simmons. | | | |

| Team | R | H | E |
|--------------------------------------|-----|-----|----------|
| Bombers | 000 | 000 | 0-0 2 2 |
| 49ers | 230 | 032 | x-10 6 2 |
| Hatmaker and Shotts—Sise and Dodson. | | | |

| Team | R | H | E |
|--------------------------------|-----|-----|-----------|
| Maintenance | 200 | 000 | 0-4 8 1 |
| 49ers | 353 | 114 | 6-23 13 2 |
| Argo and Krog, Law and Miller. | | | |

| Team | W | L |
|-------------|---|---|
| 49ers | 4 | 0 |
| Bombers | 3 | 1 |
| ADP | 2 | 1 |
| Steamers | 3 | 3 |
| Maintenance | 2 | 3 |
| Guards | 1 | 3 |
| Engineers | 1 | 5 |

Atomic Weapons Suitable For Smuggling Described

The Washington Post and Times-Herald, in a story signed by Dr. Ralph E. Lapp, describes the types of atomic weapons that the Russians might smuggle into the United States and speculates on how they might be carried across the American border. Dr. Lapp maintains that although it is technically and practically possible to plant atomic bombs in American cities, he believes that "unauthorized" exporting of nuclear weapons involves too much risk for the Russians. He urges, however, that steps should be taken to combat such atomic acts and possible sabotage of American nuclear plants.

First Place Tied In Plant Golf Loop

First place in the Y-12 Plant Golf League is all tied up between the Gophers and Grand Slammers as action last week was heated. The Gophers took 12 points from the Rough Riders while the Grand Slammers got a 16 point forfeit win from the Plugs. Other league action found the improving Hooks win 12 tallies from the Chippers while the Fat Boys won over the Rippers by 9 to 7.

Bill Bauman, of the Rippers, shot a 37 to take low gross honors while Jack Spears, Rippers; Art Hines, Gophers; "Fuz" Harris, of the Hooks; and Bauman tied for low net honors each having a 35.

League standing follows:

| Team | W | L |
|----------------|----|----|
| Gophers | 63 | 33 |
| Grand Slammers | 63 | 33 |
| Rippers | 55 | 39 |
| Chippers | 46 | 50 |
| Rough Riders | 46 | 50 |
| Hooks | 45 | 51 |
| Fat Boys | 35 | 61 |
| Plugs | 31 | 45 |

Rides Wanted, Offered

Ride Wanted or Will Join Car Pool—Vicinity of Kentucky Ave., Oak Ridge to East Portal, straight day. Babs Stooksbury, plant telephone 7784, home telephone 5-3122, Oak Ridge.

Ride Wanted or Will Join Car Pool—From Athens, Tenn., to Central Parking Lot, B Shift. B. L. Byrum, plant telephone 7279.

Three Riders Wanted—From Lenoir City, straight day. C. E. Manis, plant telephone 7391, home telephone 357-W, Lenoir City.

Four Riders Wanted—From North Knoxville, straight day. W. J. Dawson, plant telephone 7391, home telephone 4-3869.

Rider Wanted—From East Village to East Portal, straight day. Eleanor Downing, plant telephone 7378, home telephone 5-6858, Oak Ridge.

Want To Join Car Pool—From Fountain City, straight day. R. K. Holbert, plant telephone 7552, home telephone 6-9395, Knoxville.

Two Riders Wanted—From Magnolia Ave. in Burlington, Knoxville, via Oak Ridge Highway, straight day. R. A. Humphrey, plant telephone 7349, home telephone 2,5359, Knoxville.

Last year was the fourth consecutive year of increase in the traffic death toll.

Y-12 SPORTS



THIS IS AN EXAMPLE OF WHAT

The Bulletin wants in the way of a good vacation snapshot. It shows C. M. McAmis, left, foreman in the Y-12 General Machine Shop, and a brother-in-law just after a profitable Gulf of Mexico fishing trip at Panama City, Fla., recently. That big brute being held by McAmis is a 20-pound black grouper, the rest mostly red snapper and smaller grouper.

Y-12 Orioles Win Slo Pitch Contest

Those improving Y-12 Orioles in the Oak Ridge City Slo Pitch League got back in the harness last week and won a clean-cut 8 to 7 victory from the Jewish Congregation. Manager Andy Anderson and his crew scored six big runs in the first inning but the big highlight of the game was made by L. E. Sikes as he stole home in the final inning to win the game. B. H. Montgomery led the Y-12 sluggers by getting two base knocks, a triple and double.

The Orioles will square off against the AECEA softballers tonight, Wednesday, July 21, at 8 o'clock at Midtown No. 1 Field.

Line score follows:

| Team | R | H | E |
|---------------------------------------|-----|-----|----------|
| Jewish Congregation | 022 | 201 | x-7 14 3 |
| Y-12 Orioles | 600 | 011 | x-8 10 2 |
| Kitzes and Cohen, Anderson and Kompa. | | | |

ANOTHER RED 'FIRST'

The latest edition of the official Soviet Encyclopedia claims a Russian invented the "first automotive carriage" in 1752. It seems the Red used the word "automotive" in a most literal sense to merely mean "self running." It turned out that the Russian invention had two peasants running along inside the carriage—nothing as sissy as a good old capitalistic gasoline or steam engine for motive power.

Indian proverb—Give a squaw an inch and you'll walkum aisle.



Robins Hand Vestal First League Defeat

Cards Nip K-25 By 2-1 To Stay On Top In Loop

The Y-12 women's varsity softball team turned in its finest win of the season last week by trouncing the always tough Vestal lassies in the Knox-Ridge League by 5 to 4 in a thriller. The Robins now are looking forward to a close finish in the league as they tangle with Corryton this Friday, July 23, at Corryton. Vestal also is slated for another engagement in Oak Ridge on Tuesday, July 27, at 7:30 p.m., which may be the deciding game of the Knox-Ridge Women's League.

Sweet Win for Robins

The Vestal women were undefeated in the fast circuit which makes the victory even sweeter to the hustling Y-12 Robins. Vestal also had beaten Ragland-Potter Co., of Knoxville, the 1953 state champs. Vestal jumped to a 4 to 1 lead at the end of the third inning but the Y-12 women fought back with revenge by scoring a pair of tallies in the fifth and sixth frames to shut the door on the opposition. Kay Presley and Lois Secrist slammed out two singles each to lead the onslaught for Y-12 while Ella Mae Koontz chunked a six hitter. Koontz also blasted a triple and Nell McGinnis collected a single.

The Robins also clipped the Legionettes in another loop tussle by 15 to 7 in a loosely played contest. Everyone got in on the act with base hits coming by the dozens. The Legionettes committed six errors to spell their doom. Juanita Reed and Ruby O'Kain led the Robins at the dish with three hits each including a homer by Reed.

Cards Trounce K-25

The Y-12 men also turned in a vital win over K-25 by 2 to 1 in the men's division of the Knox-Ridge League. Bob Loy and Herman Stewart hooked up in a pitching duel with Loy coming out on top by one run. James "Jiggs" Seivers was the man with the big stick for Y-12 as he slammed a slashing single to centerfield with two runners on base after two were out in the bottom of the first inning.

The Cardinals record for the second half in the Knox-Ridge League stood at six wins and one loss with three games to play as of Sunday. Two wins will clinch the coveted position as host team for the men's state tournament which will be played in Oak Ridge beginning on Thursday, August 19.

Cards Lose To Mascot

The Cardinals lost their first game of the final half of the league season last Friday night when Mascot dropped them for a 5 to 4 decision in an overtime game of eight innings. The Y-12ers got out in front and although hitting freely, could not bunch their blows effectively. Errors also hurt the Big Red team, which still has a one-game lead in the circuit.

Line scores follow:

| Team | R | H | E |
|---------------------------------------|------|-----|-----------|
| Legionettes | 070 | 000 | 0-7 2 6 |
| Robins | 1001 | 400 | 0-15 14 2 |
| Moore and Connor, Koontz and Roberts. | | | |

| Team | R | H | E |
|---|-----|-----|---------|
| Robins | 001 | 022 | 0-5 6 2 |
| Vestal | 103 | 000 | 0-4 6 2 |
| Koontz and Roberts, Lee, McBride and Akers. | | | |

| Team | R | H | E |
|--------------------------------------|-----|-----|---------|
| K-25 | 000 | 001 | 0-1 4 1 |
| Cardinals | 200 | 000 | 0-2 2 1 |
| Stewart and Burton, Loy and Seivers. | | | |

| Team | R | H | E |
|---|-----|-----|----------|
| Mascot | 100 | 011 | 02-5 8 1 |
| Cardinals | 210 | 000 | 01-4 9 3 |
| Wagner and Moreland, Perry and Hedrick. | | | |

Hubby was losing his temper in a violent domestic quarrel. "Be careful," he roared at his ever-lovin' spouse, you'll bring out the beast in me." "So what," she replied, "who's afraid of mice?"

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THIS IS THE TYPE OF HELICOPTER THAT WILL PROVIDE SHUTTLE service between Oak Ridge and the Knoxville Airport for travelers on official business with the Atomic Energy Commission or its contractors. Service will begin some time next month.

One Hour Time To Be Saved Travelers Using Helicopter Service Between Ridge, Airport

Approximately one hour will be saved air travelers on official business with the Atomic Energy Commission or its contractors between Oak Ridge and the Knoxville Airport by the new helicopter shuttle service to be placed in operation about August 15. The new service recently was announced by S. R. Sapirie, Manager of the AEC Oak Ridge Operations.

A Sikorsky H-19 helicopter, capable of carrying 10 passengers, has been obtained by AEC on loan from the United States Air Force. It will be operated by a two-man civilian crew especially trained for this type helicopter.

Official travelers between Oak Ridge and the Knoxville Airport will be only 15 minutes from the airport by helicopter, compared to approximately 75 minutes by other means of transportation. The airport is only 19 air miles from Oak Ridge, compared by 35 by highway.

More than 1,000 passengers per month on official business are presently using air transportation through the Knoxville Airport.

The shuttle service will be available on a reservation basis and will be scheduled according to passenger demand. Travelers will be permitted to utilize commercial automobile services as well as the helicopter service. The helicopter will be available to meet both incoming and outgoing flights at the Knoxville Airport.

The helicopter will be based at McGhee-Tyson Airport at Knoxville. Landing space will be situated in Oak Ridge near the AEC Administration Building. The Oak Ridge facilities will comply with Civil Aeronautics Administration regulations, and will consist of a 25-foot touch-down circle of asphalt-concrete surrounded by another 50-foot circle of asphalt treated stone. The landing area will be surrounded by fencing, and will be lighted for night use.

Nothing can bring you peace but yourself. Ralph Waldo Emerson.



Traffic Tops Homes In Fatal Accidents

Motor vehicle accidents remained the country's No. 1 accident killer in 1953 with home accidents in second place, according to the National Safety Council.

The traffic death toll for the year of 1953 reached 38,300, an increase of one per cent over the preceding year and the total was the highest in history except for 1937 and 1941, the Council reports.

However, the home fatal accidents for 1953, according to the Council, amounted to 28,000. This was 1,000 less than in 1952.

Fewer holiday traffic deaths in 1954 are indicated in the statistics for the first two big holidays of the year—Memorial Day and Fourth of July. However, the National Safety Council warns of the many summer week ends ahead with the heavy highway traffic in urging continued safe and courteous driving as a means of eliminating traffic fatalities.

Work Starts On New Linde Plant In West Virginia

Work on the new Linde Air Products Company proposed silicone producing plant at Long Beach, W. Va., was expected to start about June 1, according to an announcement by Linde, a Division of Union Carbide and Carbon Corporation. A contract for initial construction work on the 1,400-acre plant site has been awarded to Baker and Coombs, Inc., Morgantown, W. Va. Linde has been producing silanes and silicones for several years at a Pilot Plant at Tonawanda, N. Y. Such Linde products as silicone water repellent for above-grade masonry, electrical insulating varnishes and resins, asbestos shingle water repellent and electrical wire enamel now are being introduced to industry by Linde.

Didja hear about the guy that ate uranium? He had atomic ache.



Continued from Page 2

Ed Webber spent a week over in North Carolina and Earl Daugherty rested up at Caryville, Tenn. Bart Slover's many pals hope he will shake that illness and return soon.

Millie Miller, from Receiving and Shipping, joins the Florida contingent from Y-12 this week.

The Tool Department welcomed Joe Wolfe as a new employee last week . . . Dave Griffith is taking it easy at home while vacationing.

C. G. McCulley, Property Sales, vacationed last week . . . R. V. Brackney was called to Louisville, Ky., because of his mother's illness.

Betty Heath is 'way down in Key West, Fla., vacationing this week . . . Kathryn Ballentine is in Florence, Ala.

TECHNICAL

Project Engineering had H. F. Akin vacationing—but where (?)—last week . . . W. J. (Bill) Evers, of Project Design, has moved into his new home on Hicks Circle, Clinton. F. S. McGuiness, Technical Engineering, was a home stayer-arounder while vacationing last week.

The editor of The Bulletin last week reluctantly admitted that sometimes he used the editorial "we" just so readers who didn't like what he printed would think there were too many of him to lick. Oh well—take it easy.

Strange Story Of Atomic Particles Travel Described

The Associated Press has reported that Dr. Herman Yogoda, of the National Institute of Health, Bethesda, Md., has described how radioactive particles may have traveled from atomic bomb explosion by either the United States or Russia to a photographic plate manufactured in Britain after having passed through the inside of an animal in India. Dr. Yogoda cited the possibility that a cow whose bones were used to gelatin emulsion for photographic plates used in cosmic ray research at the institute, may have ingested particles of atomic dust on blades of grass. This would transfer radioactivity to bone tissue, starting a chain of events related in the British science magazine, Nature.

WORKS BOTH WAYS

Studies by engineers at the University of California that have indicated that heat from atomic and hydrogen bombs can start fires, reveal that winds created by the blasts also can snuff out the flames, according to a story in the New York Times.

Record Number Of 25 Y-12ers For One Month Receive Promotions In Maintenance Division

A total of 25 Y-12 employees—all in the Maintenance Division headed by Supt. George Mitchel—were promoted to Supervisory rank posts effective July 1. This is the largest single group of promotions announced in the series that has been published in The Bulletin for about three years.

One of the promotions was to the position of Labor Foreman and the rest were to Assistant maintenance Foremen or Assistant Process Foremen.

The promotion to Labor Foreman was for C. W. Sweeten, of the Janitors Department,

who was advanced from Head Counter Attendant. He is a veteran Y-12er, having been employed on September 6, 1944.

The Y-12ers promoted to the rank of Assistant Maintenance Foreman, their departments, position held prior to promotion and date of employment follow:

C. F. Blaha, General Machine Shop, metal fabricator, June 30, 1945.

W. C. Crawley, General Machine Shop, welder, October 16, 1944.

E. F. Sise, B Mechanical Operations, set-up machinist, May 24, 1948.

W. T. Luffman, B Mechanical Operations, set-up machinist, June 18, 1947.

E. V. Hawk, B Mechanical Operations, set-up machinist, March 2, 1944.

C. L. Hill, General Machine Shop, machinist, November 27, 1950.

F. D. Williams, General Machine Shop, Experimental machinist, April 18, 1944.

R. A. Wilson, Jr., B Mechanical Operations, set-up machinist, May 24, 1948.

W. M. Simpson, B Mechanical Operations, experimental machinist, December 11, 1950.

J. E. Barton, B Mechanical Operations, set-up machinist, January 9, 1951.

J. S. Steward, B Mechanical Operations, machinist, November 7, 1951.

F. A. Stewart, Jr., Mechanical Training, set-up machinist, December 28, 1950.

W. A. Sahr, B Mechanical Operations, experimental machinist, January 15, 1951.

Kirby J. Duke, A Mechanical Operations, set-up machinist, November 15, 1947.

Promoted to the rank of Assistant Process Foremen were:

L. E. O'Dell, Beta Two, chemical operator, February 21, 1952.

V. C. Beckner, Beta Four, chemical operator, February 19, 1951.

G. D. Mowery, Alpha Five, op-

People's Capitalism Represented In Y-12 By Savings Plan

American economy has often been called a "people's" capitalism. What this means is that the real owners of American industry are the tens of millions of persons, in every income bracket, who have life insurance, or bank deposits, or own shares of stock of a corporation. Every dollar earning interest in a bank or an insurance company is a stake in the economy of the United States. Every share of stock represents a share of America, a piece of industry that is owned by the stockholder. Each policyholder, depositor, and stockholder is thus a capitalist.

Y-12er's Money Is Earning

One example of the "people's capitalism" at work is Carbide's Savings Plan for employees. No matter which part of the Plan is participate in, Y-12ers enrolled in it are capitalists. That money is earning interest in the bank—that money is buying UCC stock or government bonds.

Multiply these cases by thousands of other companies and millions of individual investors and there is the secret of the success of the American free enterprise system. This secret is that there is absolutely no limitation on who or how many persons can become American capitalists.

Notified When Eligible

The Carbide Savings Plan has proven popular with an overwhelming majority of Y-12 employees. Eligibility for enrollment is one year of Company Service and full details may be obtained by recently employed Y-12ers from Supervision. Y-12ers eligible to enroll in the Carbide Savings Plan are notified by the Payroll Department when their first anniversary date of employment is reached.

erator assistant, April 22, 1953.

K. M. Perkins, Beta Two, chemical operator, April 17, 1950.

P. D. Quinley, Beta Two, chemical operator, September 8, 1950.

S. D. Rea, Alpha Five, operator assistant, April 20, 1953.

F. S. Stroupe, Beta Two, chemical operator, August 28, 1950.

Otis Tinnel, Beta Four, operator assistant, June 15, 1953.

H. L. Wigginton, Alpha Five, chemical operator, September 10, 1951.

E. W. Leach, Beta Four, operator assistant, May 5, 1953.